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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **SALMONELLA DETECTION IDENTIFICATION**

(57) Abstract: A nucleic acid specific for use in detecting and differentiating *Salmonella* from other bacteria comprises at least 10 contiguous nucleotides and is capable of selectively hybridizing to at least a portion of the *prg* gene of *Salmonella*.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/12882

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68; C12P 19/34; C07H 21/04

US CL : 435/6, 91.1, 91.2; 536/23/1, 24.3

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/6, 91.1, 91.2; 536/23/1, 24.3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Genbank, National Center for Biotechnology Information, National Library of Medicine, NIH (Bethesda, MD, USA), Accession Number U21676, February 1996.	1-5, 13-16, 19, 20
Y		6-12, 17-18, 21-30
Y	DAUM, L.T. et al. Real-Time PCR Detection of Salmonella in Suspect Foods from a Gastroenteritis Outbreak in Kerr County, Texas. Journal of Clinical Microbiology. August 2002, Vol 40, pages 3050-3052, see especially page 3051.	6-12, 17, 18, and 21-30

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/12882

Continuation of B. FIELDS SEARCHED Item 3:

Genbank, Genseq, East, Caplus, Medline

SEQ ID NOS 1, 3-4, 6-9; prg, gene, pcr, primer, probe, hybridization, salmonella